

WHAT IS CLAIMED IS:

1 1. A self-powered wireless switch comprising:
2 a wireless transmitter; and
3 an energy harvesting device arranged to produce electrical power for
4 operation of the wireless transmitter upon actuation of a switch by a user.

1 2. The self-powered wireless switch of claim 1 wherein the
2 energy harvesting device comprises a piezoelectric element arranged to be distressed
3 upon actuation of the switch.

1 3. The self-powered wireless switch of claim 1 wherein the
2 energy harvesting device comprises a tritium lamp arranged to energy a phosphor
3 coating to produce light upon actuation of the switch, and at least one photo detector
4 arranged to receive the light and generate the electrical power.

1 4. The self-powered wireless switch of claim 3 wherein the
2 tritium lamp is arranged to backlight the switch.

1 5. The self-powered wireless switch of claim 1 wherein the
2 energy harvesting device comprises at least one photo detector arranged to receive
3 the light from a lamp.

1 6. The self-powered wireless switch of claim 5 wherein the lamp
2 comprises a black lamp mounted external to the switch.

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